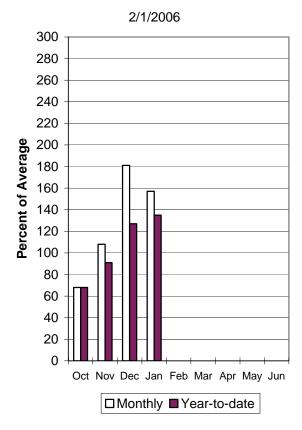
#### Bear River Basin Feb 1, 2006

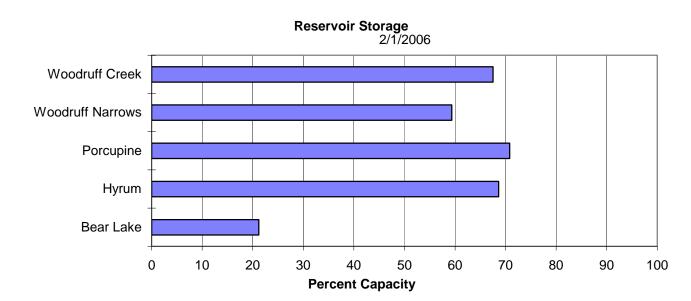
Snowpacks on the Bear River Basin are much above average at 142% of normal, about 129% of last year and up 1% relative to last month. This is the best snowpack on the Bear since 1997! Specific sites range from 123% to 196% of normal. January precipitation was much above average at 157%, which brings the seasonal accumulation (OctJan) to 135% of average. Soil moisture levels in runoff producing areas are at 56% of saturation in the upper 2 feet of soil compared to 67% last year. Forecast streamflows range from near to much above average (120%-145%) volumes this spring. Reservoir storage is extremely low at 24% of capacity, 22% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over last few years.



## 2/1/2006 40 35 Snow Water Equivalent (in) 30 25 20 15 10 5 0 1-Feb 1-May Current Average Minimum Maximum

#### **Bear River Precipitation**





### BEAR RIVER BASIN

# Streamflow Forecasts - February 1, 2006

=======================================		   <<=====	======== : Drier ====:	======================================	nditions =	====== Wetter	=====>>		
		į					į		
Forecast Point	Forecast Period	========== Chance C   90% 70%			ce Of Exceeding * ===================================			30-Yr Avg.	
	Period	(1000AF)	(1000AF)		(% AVG.)	(1000AF)	10%   (1000AF)	(1000AF)	
				=======					
Bear River nr UT-WY State Line	APR-JUL	101	121	135	120	149	169	113	
Bear River ab Reservoir nr Woodruff	APR-JUL	115	147	   169	124	191	223	136	
Big Creek nr Randolph	APR-JUL	5.2	6.3	7.1	145	7.9	9.0	4.9	
Smiths Fork nr Border	APR-JUL	111	129	   141 	137	153	171	103	
Bear River at Stewart Dam	APR-JUL	208	269	315	135	365	445	234	
Little Bear River at Paradise	APR-JUL	35	48	58	126	69	86	46	
Logan R Abv State Dam Nr Logan	APR-JUL	126	154	175	139	197	233	126	
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	44	58	69 	144	81 	100	48	
BEAR RIV	of January			Watershed G	BEAR RIVER BASIN				
Reservoir Storage (1000 AF) - End of January Watershed Snowpack Analysis - February 1, 2006									
	Usable		e Storage *			Numbe		Year as % of	
Reservoir	Capacity	This	Last	Water	rshed	of	=====		

Reservoir	Usable   Capacity	*** Usab This Year	ole Storag Last Year	re *** Avg	Watershed	umber of a Sites	This Year as % of	
BEAR LAKE	1302.0	276.0	0.0		BEAR RIVER, UPPER (abv Ha	6	113	136
HYRUM	15.3	10.5	10.4	10.4	BEAR RIVER, LOWER (blw Ha	8	139	146
PORCUPINE	11.3	9.0	7.0	4.4	LOGAN RIVER	4	132	152
WOODRUFF NARROWS	57.3	34.0	14.0	25.2	RAFT RIVER	1	231	196
WOODRUFF CREEK	4.0	2.7	1.7		BEAR RIVER BASIN	14	129	142

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
The value is natural volume - actual volume may be affected by upstream water management.